## **CLAIMS**

## I claim:

- 1. A method of treating a blood product which contains a nucleic acid-containing pathogen to be inactivated, said method comprising
  - a) adding psoralen to the blood product;
- b) irradiating the psoralen and the blood product to form a mixture comprising said blood product, free psoralen, and low molecular weight psoralen photoproducts; and
- c) contacting said mixture with a hypercrosslinked resin to remove at least substantially all of said free psoralen and said low molecular weight psoralen photoproducts.
- 2. The method of claim 0 wherein said psoralen comprises an aminopsoralen selected from the group consisting of 4'-primary amino-substituted psoralen and 5'-primary amino-substituted psoralen.
  - 3. The method of claim 0 wherein said blood product comprises plasma.
- 4. The method of claim 0 wherein said hypercrosslinked resin is not pre-wetted prior to said act of contacting said mixture with said hypercrosslinked resin.
- 5. The method of claim 0 wherein said hypercrosslinked resin comprises a polyaromatic resin that is capable of adsorbing said free psoralen and said low molecular weight psoralen photoproducts.
- 6. The method of claim 5 wherein said psoralen comprises an aminopsoralen selected from the group consisting of 4'-primary amino-substituted psoralen and 5'-primary amino-substituted psoralen.
- 7. The method of claim 6 wherein said aminopsoralen comprises 4'-(4-amino-2-oxa)butyl-4,5',8-trimethylpsoralen.

- 8. A method of removing free psoralen from a biological fluid comprising blood or a blood product, said free psoralen having been exposed to light having a wavelength that causes psoralen to covalently bind to a nucleic acid, the method comprising contacting said biological fluid with a hypercrosslinked adsorbent resin that is capable of removing said free psoralen; and removing at least substantially all of said free psoralen from said biological fluid with said hypercrosslinked adsorbent resin.
- 9. The method of claim 8 wherein said resin is selected from the group consisting of: a polyaromatic resin having a mean surface area of about 1100 m²/gm, a mean pore diameter of about 46Å, and a mesh size of about 20-50µm; a polyaromatic resin having a mean surface area of about 725 m²/gm, a mean pore diameter of about 40Å, and a mesh size of about 20-60µm; and a functionalized polyaromatic resin having a mean surface area of about 800 m²/gm, a mean pore diameter of about 25Å, and a mesh size of about 20-50µm.
- 10. The method of claim 8 wherein said biological fluid comprises a plasma blood product.
- 11. The method of claim 8 wherein said biological fluid comprises a platelet-containing blood product.
- 12. The method of claim 11 wherein said biological fluid further comprises a synthetic medium containing phosphate.
- 13. The method of claim 8 wherein said resin is not pre-wetted prior to contacting said biological fluid with said resin.
- 14. The method of claim 8 wherein said psoralen comprises an aminopsoralen selected from the group consisting of 4'-primary amino-substituted psoralen and 5'-primary amino-substituted psoralen.
- 15. The method of claim 14 wherein said aminopsoralen comprises 4'-(4-amino-2-oxa)butyl-4,5',8-trimethylpsoralen.

- 16. The method of claim 8 wherein said hypercrosslinked resin comprises a hypercrosslinked polyaromatic resin.
- 17. The method of claim 16 wherein said biological fluid is selected from the group consisting of plasma and platelets.
- 18. The method of claim 16 wherein said psoralen comprises an aminopsoralen selected from the group consisting of 4'-primary amino-substituted psoralen and 5'-primary amino-substituted psoralen.
  - 19. The method of claim 16 wherein said psoralen comprises a brominated psoralen.
- 20. The method of claim 16 wherein the biological fluid further comprises psoralen photo products, and wherein said resin additionally removes at least substantially all of said psoralen photo products.
  - 21. A biological fluid formed by the method of claim 0.
  - 22. A biological fluid formed by the method of claim 3.
  - 23. A biological fluid formed by the method of claim 8.
  - 24. A biological fluid formed by the method of claim 12.